IN THE SPECIFICATION:

Please replace the paragraph, beginning at page 3, line 8, and ending at page 3, line 18, with the following amended paragraph:

One conventional solution to common operating problems is to use a Variable Speed Drive ~~(VDA)~~ (VSD) to control the speed of the motor driving the pump. ~~VDAs~~ VSDs affect the motor speed by changing the frequency of the input signal to the motor. Increasing the frequency results in increased motor speed while decreasing the frequency decreases the motor speed. The magnitude of the speed adjustment is determined by monitoring a pressure sensor mounted on the pump. The pressure sensor measures the head pressure and transmits the pressure values back to a computer where the pressure value is compared to a predetermined target value (which may be stored in a memory device). If the measured pressure value is different from the target value, then the VSD operates to change the motor speed in order to equalize the head pressure with the target pressure. In this manner, the motor speed is periodically changed in response to continual head pressure measurements and comparisons.